

015549572 \*\*Image available\*\*

WPI Acc No: 2003-611727/ 200358

**Sheet type hair brush has pyramid shaped protrusions of specific shape,  
arranged on surface of board sheet**

Patent Assignee: KAO CORP (KAOS )

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 2003199624	A	20030715	JP 20023205	A	20020110	200358 B
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CN 1432318	A	20030730	CN 2003101088	A	20030110	200365
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Priority Applications (No Type Date): JP 20023205 A 20020110; JP 20023206 A  
20020110; JP 20023207 A 20020110; JP 20023208 A 20020110

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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JP 2003199624	A	11	A46B-005/02	
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CN 1432318	A		A45D-024/00	
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Abstract (Basic): **JP 2003199624 A**

NOVELTY - Pyramid shaped protrusions (12) having elliptical or rectangular cross section, are arranged on the surface of a board sheet made of non-woven fabric, such that the protrusions are distributed mutually in parallel along the longitudinal direction.

USE - Sheet type hair brush.

ADVANTAGE - Hair is combed reliably and easily. Cleaning of hair is improved, as cosmetics are impregnated into brush during usage.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of the hair brush.

Board sheet (11)

Protrusions (12)

Center portion (13)

Incision (14)

pp; 11 DwgNo 1/4

Derwent Class: D21; P24; P33

International Patent Class (Main): A45D-024/00; A46B-005/02

International Patent Class (Additional): A45D-024/22; A46B-001/00;

A61K-007/06; A61K-007/13; A61K-007/135

1/7/2

DIALOG(R)File 351:Derwent WPI

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012376646 \*\*Image available\*\*

WPI Acc No: 1999-182753/ 199916

**Velvet textile cover especially for head of floor cleaner**

Patent Assignee: PETIT C (PETI-I)

Inventor: PETIT C

Number of Countries: 025 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 903105	A1	19990324	EP 98490022	A	19980908	199916 B
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FR 2768042	A1	19990312	FR 9711519	A	19970911	199917
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Priority Applications (No Type Date): FR 9711519 A 19970911

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 903105	A1	F 10	A47L-013/20	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

FR 2768042	A1	13	A47L-013/16	
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Abstract (Basic): **EP 903105** A1

NOVELTY - The cover, designed to fit over a rectangular head of a floor cleaning implement with a handle, is made from a velvet material which depends on its intended use, e.g. of cotton for cleaning wet floors and synthetic fibers for picking up dust or polishing.

DETAILED DESCRIPTION - The cover is made from a rectangular base (2), two lengthwise strips (3) folded in a U- or J-shaped cross-section and a folded end which is joined to the lengthwise strips to make a pocket (4) to receive the cleaning head.

USE - Cleaning floor surfaces.

ADVANTAGE - Easy to make and fit.

DESCRIPTION OF DRAWING(S) - The drawing shows a plan view of the cover.

Rectangular panel (2)

side strips (3)

pocket (4)

folded end strip. (6)

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